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A model for the turnover of dihydrotestosterone in the presence of the irreversible 5 α -reductase inhibitors GI198745 and finasteride (Olsson Gisleskog et al). 1998;64:636-47

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Catecholamines and heart function in heart transplant patients: effects of β_1 - versus nonselective β -blockade (Leenen et al). 1998;64:522-35

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Population pharmacodynamic modeling of levodopa in patients with Parkinson's disease receiving entacapone (Trocóniz et al). 1998;64:106-16

Pentobarbital

Time course of enzyme induction in humans: effect of pentobarbital on nortriptyline metabolism (von Bahr et al). 1998;64:18-26

Pharmacology

The clinical pharmacologist: An endangered species? (Vestal). 1998;64:471-6 (Commentary)

1999 ASCPT Clinical Pharmacology Curriculum Review Course (Abernethy and Woosley). 1998;64:694

Phenotype

Effect of fluvoxamine therapy on the activities of CYP1A2, CYP2D6, and CYP3A as determined by phenotyping (Kashuba et al). 1998;64:257-68

Quantification of 3-month intraindividual variability and the influence of sex and menstrual cycle phase on CYP3A activity as measured by phenotyping with intravenous midazolam (Kashuba et al). 1998;64:269-77

Placebos

Comparative kinetics and dynamics of zaleplon, zolpidem, and placebo (Greenblatt et al). 1998;64:553-61

Expectations and the placebo effect in clinical drug trials: why we should not turn a blind eye to unblinding, and other cautionary notes (Swartzman and Burkell). 1998;64:1-7 (Commentary)

Neuropharmacologic treatment of bronchial asthma with the antidepressant tianeptine: a double-blind, crossover placebo-controlled study (Lechin et al). 1998;64:223-32

Polymorphism

CYP2D6 polymorphism is not crucial for the disposition of selegiline (Scheinin et al). 1998;64:402-11

Population studies

Population pharmacodynamic modeling of levodopa in patients with Parkinson's disease receiving entacapone (Trocóniz et al). 1998;64:106-16

Population pharmacokinetic-pharmacodynamic modeling of moxonidine with 24-hour ambulatory blood pressure measurements (Hempel et al). 1998;64:622-35

Pramipexole dihydrochloride

Pramipexole dihydrochloride (USAN List No. 410). 1998;64:577

Pravastatin

The interaction of diltiazem with lovastatin and pravastatin (Azie et al). 1998;64:369-77

Prostaglandins

Cerebrospinal fluid prostaglandins after systemic dipyrone intake (Levy et al). 1998;64:117-22

Proteins

Isolation of a human thiopurine S-methyltransferase (TPMT) complementary DNA with a single nucleotide transition A719G (*TPMT*3C*) and its association with loss of TPMT protein and catalytic activity in humans (Loennechen et al). 1998;64:46-51

Q

QT interval; *see* Electrocardiography

R

Racial factors

How to correctly calculate the proportions of the heterozygotes and homozygotes in the extensive metabolizers of a certain drug-metabolizing enzyme in an ethnic or racial population? (Xie) (Letter); (Kohli) (Reply). 1998;64:575

Rapacuronium bromide

Rapacuronium bromide (USAN List No. 406). 1998;64:131

Recombinant human erythropoietin; *see* Erythropoietin

Rectum

Octreotide acts on anorectal physiology: a dynamic study in healthy subjects (Siproudhis et al). 1998;64:424-32

Renal transplantation; *see* Kidney transplantation

Retroviruses

Concentration-controlled zidovudine therapy (Fletcher et al). 1998;64:331-8

Rifampin

Tamoxifen and toremifene concentrations in plasma are greatly decreased by rifampin (Kivistö et al). 1998;64:648-54

Ritonavir

Pharmacokinetic interaction between ritonavir and clarithromycin (Ouellet et al). 1998;64:355-62

Ropivacaine

Metabolism of ropivacaine in humans is mediated by CYP1A2 and to a minor extent by CYP3A4: an interaction study with fluvoxamine and ketoconazole as in vivo inhibitors (Arlander et al). 1998;64:484-9

Rosiglitazone maleate

Rosiglitazone maleate (USAN List No. 411). 1998;64:696

S

Sabcomeline hydrochloride

Sabcomeline hydrochloride (USAN List No. 410). 1998;64:577

Sampatrilat

Combined inhibition of neutral endopeptidase and angiotensin-converting enzyme by sampatrilat in essential hypertension (Wallis et al). 1998;64:439-49

Seizures

Does percent reduction in seizure frequency correlate with plasma concentration of anticonvulsant drugs? experience with four anticonvulsant drugs (Mahmood et al). 1998;64:547-52

Selegiline

CYP2D6 polymorphism is not crucial for the disposition of selegiline (Scheinin et al). 1998;64:402-11

Self-medication

Drug-related hospitalization at a tertiary teaching center in Lebanon: incidence, associations, and relation to self-medicating behavior (Major et al). 1998;64:450-61

Sex factors; see Gender factors

Sickle cell disease; see Anemia, sickle cell

Simvastatin

Erythromycin and verapamil considerably increase serum simvastatin and simvastatin acid concentrations (Kantola et al). 1998;64:177-82

Grapefruit juice-simvastatin interaction: effect on serum concentrations of simvastatin, simvastatin acid, and HMG-CoA reductase inhibitors (Lilja et al). 1998;64:477-83

Sinus nodes

Pharmacokinetic-pharmacodynamic modeling of the effects of ivabradine, a direct sinus node inhibitor, on heart rate in healthy volunteers (Ragueneau et al). 1998;64:192-203

Sneezing

The effectiveness of antihistamines in reducing the severity of runny nose and sneezing: a meta-analysis (D'Agostino et al). 1998;64:579-96 (Commentary)

Somatostatin

Selective effects of somatostatin analogs on human drug-metabolizing enzymes (Rasmussen et al). 1998;64:150-9

Specialties

The clinical pharmacologist: An endangered species? (Vestal). 1998;64:471-6 (Commentary)

Substance P

The substance P receptor antagonist CP-99,994 reduces acute post-operative pain (Dionne et al). 1998;64:562-8

T

Tamoxifen

Tamoxifen and toremifene concentrations in plasma are greatly decreased by rifampin (Kivistö et al). 1998;64:648-54

Tanzania

Bantu Tanzanians have a decreased capacity to metabolize omeprazole and mephentoin in relation to their CYP2C19 genotype (Herrlin et al). 1998;64:391-401

Tension headache; see Headache

Testosterone

A model for the turnover of dihydrotestosterone in the presence of the irreversible 5 α -reductase inhibitors GI198745 and finasteride (Olsson Gisleskog et al). 1998;64:636-47

Thailand

The use of two estrogen preparations (a combined contraceptive pill versus conjugated estrogen cream) intravaginally to treat urogenital symptoms in postmenopausal Thai women: a comparative study (Chompootawee et al). 1998;64:204-10

Thalidomide

Thalidomide does not alter the pharmacokinetics of ethinyl estradiol and norethindrone (Trapnell et al). 1998;64:597-602

Thiopurine methyltransferase

Isolation of a human thiopurine S-methyltransferase (TPMT) complimentary DNA with a single nucleotide transition A719G (TPMT*3C) and its association with loss of TPMT protein and catalytic activity in humans (Loennechen et al). 1998;64:46-51

Thyrotropin alfa

Thyrotropin alfa (USAN List No. 406). 1998;64:132

Tianeptine

Neuropharmacologic treatment of bronchial asthma with the antidepressant tianeptine: a double-blind, crossover placebo-controlled study (Lechin et al). 1998;64:223-32

Time factors

Indirect-response model for the time course of leukopenia with anti-cancer drugs (Minami et al). 1998;64:511-21

Time course of enzyme induction in humans: effect of pentobarbital on nortriptyline metabolism (von Bahr et al). 1998;64:18-26

Toborinone

Toborinone (USAN List No. 410). 1998;64:576

Toremifene

Tamoxifen and toremifene concentrations in plasma are greatly decreased by rifampin (Kivistö et al). 1998;64:648-54

Trafermin

Trafermin (USAN List No. 407). 1998;64:235

Triazolam

Inhibition of triazolam clearance by macrolide antimicrobial agents: in vitro correlates and dynamic consequences (Greenblatt et al). 1998;64:278-85

Ketoconazole inhibition of triazolam and alprazolam clearance: differential kinetic and dynamic consequences (Greenblatt et al). 1998;64:237-47

U

Ulcer

Antiulcer drug prescribing in hospital successfully influenced by "immediate concurrent feedback" (Kumana et al). 1998;64:569-74

United States Adopted Names Council

USAN Council. 1998;64:131-2, 234-6, 351-2, 468-9, 576-7, 695-6

Urodotilatin

Hemodynamic effects of continuous urodotilatin infusion: a dose-finding study (Dorner et al). 1998;64:322-30

Metabolism and action of urodotilatin infusion in healthy volunteers (Carstens et al). 1998;64:73-86

Urogenital diseases

The use of two estrogen preparations (a combined contraceptive pill versus conjugated estrogen cream) intravaginally to treat urogenital symptoms in postmenopausal Thai women: a comparative study (Chompootawee et al). 1998;64:204-10

Urokinase alfa

Urokinase alfa (USAN List No. 406). 1998;64:131

V

Vaginal administration; see Administration, vaginal

Vasodilation

Amiodarone causes endothelium-dependent vasodilation in human hand veins *in vivo* (Grossmann et al). 1998;64:302-11

Veins

Amiodarone causes endothelium-dependent vasodilation in human hand veins *in vivo* (Grossmann et al). 1998;64:302-11

Verapamil

Erythromycin and verapamil considerably increase serum simvastatin and simvastatin acid concentrations (Kantola et al). 1998;64:177-82

W

Warfarin

Interaction between warfarin and 5-fluorouracil, not between warfarin and levamisole (Brown). 1998;64:233 (Letter)

Watercress

Inhibition of chlorzoxazone metabolism, a clinical probe for CYP2E1, by a single ingestion of watercress (Leclercq et al). 1998;64:144-9

Z

Zaleplon

Comparative kinetics and dynamics of zaleplon, zolpidem, and placebo (Greenblatt et al). 1998;64:553-61

Zidovudine

Concentration-controlled zidovudine therapy (Fletcher et al). 1998;64:331-8

Zolpidem

Comparative kinetics and dynamics of zaleplon, zolpidem, and placebo (Greenblatt et al). 1998;64:553-61

Kinetic and dynamic interaction study of zolpidem with ketoconazole, itraconazole, and fluconazole (Greenblatt et al). 1998;64:661-71

